cross-diagonal variations that occur owing to the variation of the vibration signal;

a deviation of the fictional cross-diagonals from the desired cross-diagonals is determined, and

5 a difference value of the engraving signal value for the parameter "medium gradation" is computed from the determined deviation and the transmission function, which reproduces a relationship between a variation of the engraving signal value for the parameter "medium 10 gradation" and the resulting variation of the cross-diagonals of a cell representing a tone value domain "medium gradation".

17. The method of claim 10 wherein the relationships between signal values and the 15 actual measurements of the engraved test cells are approximately linear; and the relationships are defined by transmission coefficients.

18. The method of claim 10 wherein the signal 20 values that are set for the first sequence from the step of setting the signal values to the step of correcting the signal values are experimental values.

REMARKS

25 The specification, drawings, and abstract have been amended in accordance with U. S. practice, and for improved readability and clarity.

   A new set of claims are presented drawn in
accordance with U. S. practice, and based on the PCT
claims as prosecuted in the PCT phase.

   An Information Disclosure Statement is enclosed for
5 the Examiner's review.

                    Respectfully submitted,

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